

**Bayonne Barrel and Drum - Groundwater Sampling (1986)**  
**(Dan Raviv Associates, Inc.)**

	BBD-C1	BBD-C2	BBD-C3	BBD-C4	BBD-C5
<b>Parameter</b>					
PCBs (ppb)	nd	nd	nd	nd	53
total petroleum hydrocarbons (ppm)	2.8	3.7	4.8		2000
chloroform	nd	nd	25	nd	nd
benzene			nd	28	nd
toluene				5	150
chlorobenzene				nd	67
ethylbenzene				nd	1,060
1,2 & 1,4-dichlorobenzene	nd	nd	nd	nd	76

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**Turnpike Right-of-Way - Groundwater Sampling BB&D (1986)**  
**(Louis Berger & Associates, Inc.)**

	<b>MW-03</b>	<b>MW-02</b>
<b>Parameter (ppb)</b>		
benzene	nd	5.58
ethylbenzene	nd	15.9
1,1-oxybis ethane	nd	13
ethyl-methyl benzene	nd	21
toluene	nd	76.6
2-pentanone, 4 methyl	nd	323
2-propanones	nd	64
xylenes	nd	326
phenol	nd	877
2,4-dimethylphenol	21.9	860
acenaphthene	2.3	9.2
trichlorobenzene	8.24	nd
fluorene	nd	3.15
naphthalene	nd	16.3
Phenanthrene	nd	4.9
antimony	3.1	2.6
arsenic	nd	2.0
cadmium	2.5	nd
chromium	12.0	2.3
copper	7.8	8.3
nickel	15	22
mercury	0.65	nd
silver	2.0	nd
zinc	71.0	69.0

**National Amusements - Groundwater Sampling (1988)**  
**(Wehran Engineering Corporation)**

	MW-01	MW-02	MW-03	MW-04	MW-05
<b>Parameter (ppb)</b>					
total petroleum hydrocarbons	19.1	17.3	10.0	17.8	17.4
total dissolved solids	1,370	693	1,462	1,230	1,889
total organic carbon	1,600	2,700	2,800	1,100	2,500
total organic halides	2,160 2,660	1,486,000 1,324,000	4,700 3,980	1,940 1,560	2,500 3,000
arsenic	3,220	nd	nd	nd	nd
barium	nd	237	404	nd	200
iron	44,700	1,480	30,200	20,900	100
manganese	3,920	278	2,430	5,050	100
mercury	nd	nd	0.2	nd	0.2
sodium	33,400	68,700	118,000	32,300	182,000
zinc	115	83	nd	32	34
1,2-dichloroethene	nd	27,000	nd	nd	nd

5+1  
 4.2

**Turnpike Right-of -Way - Groundwater Sampling Drive-In (1986)**  
**(Louis Berger & Associates, Inc.)**

**MW-01**

**Parameter (ppb)**

benzene	nd
ethylbenzene	nd
1,1-oxybis ethane	nd
ethyl-methyl benzene	nd
methyl benzene	7
toluene	nd
2-pentanone, 4 methyl	nd
2-propanones	nd
xylene	nd
phenol	nd
2,4-dimethylphenol	nd
acenaphthene	nd
trichlorobenzene	nd
fluorene	nd
naphthalene	nd
Phenanthrene	nd
antimony	3.1
arsenic	2.0
cadmium	0.83
chromium	1.4
copper	nd
nickel	nd
mercury	nd
silver	nd
zinc	29